

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 4/18/2013 Page 1 of 2

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO. No				
CCO#: 268	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$86,371,793.04	
COST: \$0.00 INCREASE <input type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Final Cable Band Bolt Tensioning			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Revising final cable band bolt tensioning.

Revise Special Provisions Section 10-1.60 "CABLE SYSTEM," subsection "ERECTION," subsection "Cable Bands."

Special Provisions Section 10-1.60 "Cable System" subsection "Cable Bands" provides the Contractor flexibility in the timing of the final cable band bolt tensioning. This section allows the final cable band bolt tensioning to occur any time between the time the design load of the steel box girder has been transferred to the cable system (completion of Phase 3 Load Transfer) and the dismantling of the footbridge system. As discussed in the joint Caltrans/Contractor weekly Cable Issues meeting, the Contractor's intention was to perform the final cable band bolt tensioning after the completion of the Phase 3 Load Transfer operation. It is agreed that the completion of Phase 3 Load Transfer marks substantial completion of transferring the design load to the cable system. Phase 3 Load Transfer was completed on October 17, 2012.

In reviewing the progress of the work, specifically the cable band bolt tension losses over time and taking into account the time dependant cable band bolt tension loss behavior typical to suspension bridges, the Department directed the Contractor to delay the final tensioning of the cable band bolts in order to further monitor the tension loss over time. The Department has now determined that as of January 25, 2013, it is acceptable to proceed with the final cable band bolt tensioning. This change order directs the timing of both the final cable band bolt tensioning and final cable band bolt measurements. This change order also directs the maximum tensile force to be applied to each bolt.

Excluded from this change order is the final cable band bolt tensioning for cable bands at Panel Points 34 EPP, 40 WPP/EPP, and 44 WPP/EPP. The final disposition of these cable band bolts will be included in Contract Change Order (CCO) 291 "Cable Band Bolt Replacement."

This is a no cost change order.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

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DATE: 4/18/2013

Page 2 of 2

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 2/14/13	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 2/14/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 2/19/13	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:		Date	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$0.00	\$0.00
Other (specify):	HQ, Rich Foley	Date 2/14/13	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 2/19/13	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	HQ, Larry Salhaney	Date 2/21/13	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE	PERCENT	
					